

FEATURES

HOUSING — NEMA heavy-duty construction. Contoured die-cast aluminum housing and front bezel. Bezel is hinged and latched for fast, easy "no-tool" internal access to optical and electrical compartments. Lens is heavy-duty, thermal shock-resistant clear tempered glass with no metal-to-glass contact. Standard finish is dark bronze polyester powder paint.

BALLAST — High power factor constant-wattage autotransformer. Ballast is copper wound and 100% factory tested. UL 1029 listed. Electrical components are mounted to rear housing for maximum heat dissipation, accessible through front bezel. (For 50 hertz availability, consult factory).

OPTICS — Computer designed, precision die-formed specular anodized aluminum reflector provides high efficiencies. Premium one-piece silicone gasket seals optical chamber to inhibit entrance of outside contaminants.

INSTALLATION — Front bezel "no-tool" latches are easily operable while wearing heavy work gloves. Corrosion resistant, heavy duty painted steel mounting yoke with repositioning stop and degree aiming scale is standard.

SOCKET — Porcelain, horizontally-oriented, mogul-base socket with copper alloy, nickel-plated screw shell and center contact. UL listed 1500W, 600V.

LISTING — UL listed suitable for wet locations. IP65 rated in accordance with standard IEC 529. Listed and labeled to comply with Canadian and Mexican Standards (see Options).

Type

Catalog number

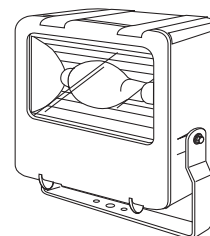
CONTOUR
SERIES

Floodlighting

TFA

METAL HALIDE

320W, 350W, 400W, 1000W



Height (includes yoke): 22-1/2" (57.2cm)
Width: 22" (55.9cm)
Depth: 9-3/4" (24.8cm)
Weight: 65lbs/29.5 kg
EPA: 2.6

ORDERING INFORMATION

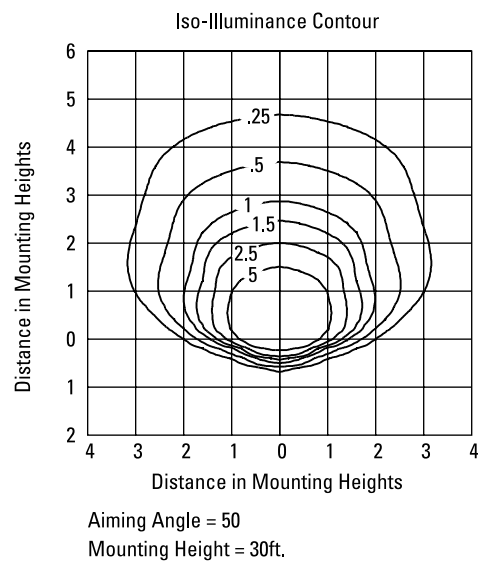
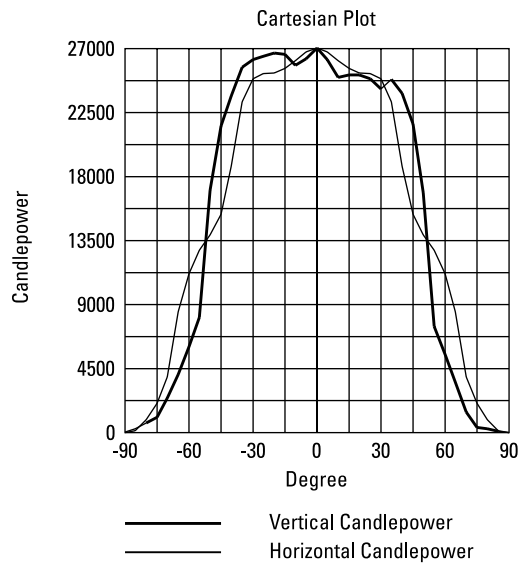
Example: TFA 1000M TA 120

Choose the boldface catalog nomenclature that best suits your needs and write it on the appropriate line. Order accessories as separate catalog numbers (shipped separately).

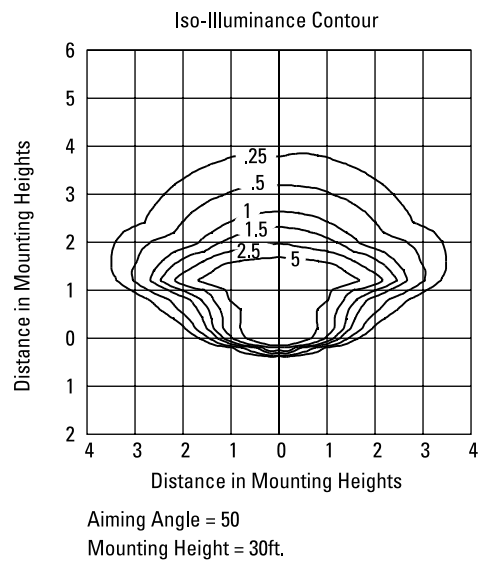
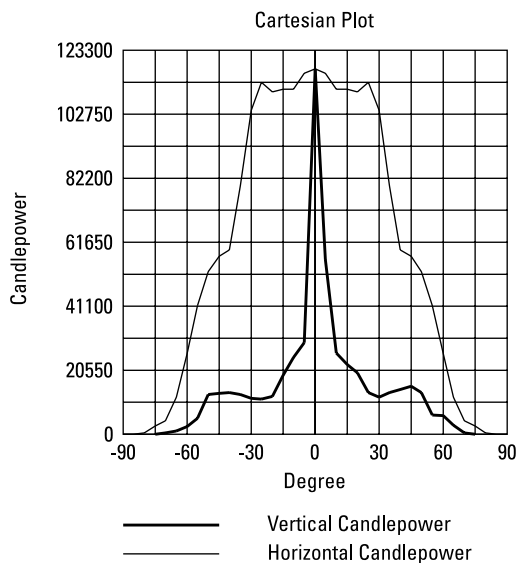
TFA		1000M			
Series	Wattage /lamp	Distribution	Voltage	Options	
TFA	320M ¹¹ 350M ¹¹ 400M ¹⁰ 1000M	TA (7x7) RN (6x3)	120 208 ¹ 240 ¹ 277 347 480 TB ²	Shipped installed in fixture	
				SF Single fuse (120, 277, 347V) ³	DNA Natural aluminum
				DF Double fuse (208, 240, 480V) ³	DBL Black
				EC Emergency circuit ^{4,5}	DSB Steel blue
				QRS Quartz restrike system ^{4,5}	DMB Medium bronze
				QRSTD Quartz time delay ^{4,5}	DGC Charcoal gray
				CR Corrosion-resistant finish	DTG Tennis green
				CRT Corrosion-resistant finish (Teflon) ⁶	DBR Bright red
				PER NEMA twist-lock receptacle ⁷	DSS Sandstone
				LS Lamp support (mogul socket only)	DWH White
				LPI Lamp (shipped in carton with fixture)	Architectural textured colors available. Consult your Lithonia Lighting representative.
				IS Integral slipfitter (2-3/8" to 2-7/8" OD tenon)	
				CF Charcoal filter	
				C62 2' 16-3 SEO cord prewired ⁸	
				C42 2' 14-3 SEO cord prewired ⁸	
				C22 2' 12-3 SEO cord prewired ⁸	
				TP Tamper proof latches	
				CSA Listed and labeled to comply with Canadian Standards	
				NOM Listed and labeled to comply with Mexican Standards (Consult factory)	
				SCWA Super CWA Pulse Start Ballast (TB only)	
				LLRSPL Low Loss Reactor Pulse Start Ballast (277V only)	
				Architectural Colors (optional)	
Accessories					
Order as separate catalog number					
TFAWG	Wireguard				
TFAVG	Vandal guard				
TFAUV	Upper visor ⁹				
TFAFV	Full visor ⁹				
TFTS	Tenon slipfitter (2-3/8" to 2-7/8" OD Tenon)				
CRA	Cross-arm adaptor (horizontal)				
CRA45	Cross-arm adaptor (45° from horizontal)				
TFPWB	Wood pole/wall-mounting bracket (includes CRA)				
TFPMB	Pipe-mounting bracket (includes CRA)				
TFWPB	Wall pipe bracket				
PE1	NEMA twist-lock photocontrol (120, 208, 240V)				
PE3	NEMA twist-lock photocontrol (347V)				
PE4	NEMA twist-lock photocontrol (480V)				
PE7	NEMA twist-lock photocontrol (277V)				
NOTES:					
1 Not available in Canada in 1000W metal halide.				6 Black finish only.	
2 Optional multi-tap ballast (120, 208, 240, 277V). (120, 277, 347V in Canada).				7 Photocell not included.	
3 Not available in multi-tap ballast.				8 Yoke-mount only.	
4 Lamp not included.				9 Field modification required unless ordered with fixture.	
5 Quartz lamp wattage not to exceed ballast wattage rating.				10 May be ordered with SCWA or LLRPSL.	
				11 Must be ordered with SCWA or LLRPSL.	

TFA Floodlight

TFA 1000M TA, 1000W metal halide lamp, 107800 rated lumens, test no. 97121701.



TFA 1000M RN, 1000W metal halide lamp, 107800 rated lumens, test no. 97120101.



ELECTRICAL CHARACTERISTICS

Wattage/ballast	Primary voltage	Line current (amps) start/operating	Primary dropout voltage	Input watts	Power factor (%)	Regulation Line V = Lamp lumens
1000 CWA Peak-lead	120	5.90/9.20	70	1070	90+	±10% = ±10%
	208	3.40/5.30	120			
	240	2.90/4.60	140			
	277	2.50/4.00	160			
	480	1.50/2.30	280			

Tested to current IES and NEMA standards under stabilized laboratory conditions. Various operating factors can cause differences between laboratory data and actual field measurements. Dimensions and specifications on this sheet are based on the most current available data and are subject to change without notice.

Note:

- Photometric data for other distributions can be accessed from the Lithonia Lighting website. (www.lithonia.com)

Mounting Height Correction Factor
(Multiply the fc level by the correction factor)

25 ft. = 1.44
35 ft. = .73
40 ft. = .56

TFAM1

©1989 Lithonia Lighting, Rev. 2/00
TFAM1.P65



General Purpose Outdoor Lighting · P.O. Box A, Conyers, GA 30012, 770-922-9000, Fax 770-483-2635
www.lithonia.com · In Canada: 1100 50th Ave., Lachine, Quebec H8T 2V3